<110> Hayden, Michael R.
      Brooks-Wilson, Angela R.

<120> METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS

<130> 760050-91

<140>
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<150> US 09/526,193
<151> 2000-03-15

<150> 60/124,702
<151> 1999-03-15

<150> 60/138,048
<151> 1999-06-08

<150> 60/139,600
<151> 1999-06-17

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Ser Leu Cys Asn Gly Ser Lys Ser Glu Glu Met Ile Gln Leu Gly Asp
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Gln Glu Val Ser Glu Leu Cys Gly Leu Pro Arg Glu Lys Leu Ala Ala
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Pro Tyr Cys Asn Asp Leu Met Lys Asn Leu Glu Ser Ser Pro Leu Ser
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Lys Gly Ile Val Tyr Glu Lys Glu Ala Arg Leu Lys Glu Thr Met Arg
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Asp Gly Phe Asn Leu Thr Thr Ser Val Ser Met Met Leu Phe Asp Thr
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Phe Leu Tyr Gly Val Met Thr Trp Tyr Ile Glu Ala Val Phe Pro Gly
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Gln Tyr Gly Ile Pro Arg Pro Trp Tyr Phe Pro Cys Thr Lys Ser Tyr
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Lys Val Ala Val Asp Gly Leu Ala Leu Asn Phe Tyr Glu Gly Gln Ile
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Thr Ser Phe Leu Gly His Asn Gly Ala Gly Lys Thr Thr Thr Met Ser
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Gly Lys Asp Ile Arg Ser Glu Met Ser Thr Ile Arg Gln Asn Leu Gly
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Val Cys Pro Gln His Asn Val Leu Phe Asp Met Leu Thr Val Glu Glu
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Lys Ala Glu Met Glu Gln Met Ala Leu Asp Val Gly Leu Pro Ser Ser
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3

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4

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Ser Ala Asp Arg Phe Leu Asn Ser Leu Gly Arg Phe Met Thr Gly Leu
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Asp Thr Arg Asn Asn Val Lys Val Trp Phe Asn Asn Lys Gly Trp His
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Gln Tyr Gln Leu Pro Ser Ser Leu Ser Ser Leu Ala Arg Ile Phe Ser
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6

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7

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13

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14

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16

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19

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20

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31

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32

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33

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<210> 36
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<400> 36
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<210> 37
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<400> 37
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Phe Pro Asn Lys Ala
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Lys Lys Met Leu Pro Val Cys Pro Pro Gly Ala Gly Gly Leu Pro
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<400> 42
Lys Lys Met Leu Pro Val Cys Pro Pro Gly Ala Gly Gly Leu Pro
 1               5                  10                  15
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<212> PRT
<213> Homo sapiens

<400> 43
Lys Lys Met Leu Pro Val Arg Pro Pro Gly Ala Gly Gly Leu Pro
 1               5                  10                  15
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<400> 44
Leu Leu Gly Gly Ser
 1   5
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<400> 49
Trp Gly Gly Phe Ala Tyr Leu Gln Asp Val Val Glu Gln Ala Ile
 1   5   10   15
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<400> 50
Trp Gly Gly Phe Ala Tyr Leu Gln Asp Val Val Glu Gln Ala Ile
 1   5   10   15
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<400> 51

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1               5                   10                  15
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<213> Caenorhabditis elegans

<400> 52
Phe Met Thr Val Gln Arg Ala Val Asp Val Ala Ile
1               5                   10
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<212> DNA
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<400> 53
tgggggggct tcgcctactt gcgggatgtg gtggagcagg caatc                    45

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<223> n is a, t, c, or g.

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<400> 55
agtagcctca ttcctcttct tgtgagcgct ggcctgctag tggtc                    45

<210> 56
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<400> 56
Ser Ser Leu Ile Pro Leu Leu Val Ser Ala Gly Leu Leu Val Val
1               5                   10                  15
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<400> 57
Ser Ser Leu Ile Pro Leu Leu Val Ser Ala Gly Leu Leu Val Val
1               5                   10                  15
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<400> 58
Ser Ser Leu Ile Pro Leu Val Ser Ala Gly Leu Leu Val Val
 1               5                   10
<210> 59
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<213> Caenorhabditis elegans

<400> 59
Ile Asn Tyr Ala Lys Leu Thr Phe Ala Val Ile Val Leu Thr Ile
 1               5                   10                  15
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<211> 42
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<400> 60
agtagcctca ttcctcttgt gagcgctggc ctgctagtgg tc                          42

<210> 61
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<400> 62
aatgatgaag atgaagatgt gaggcgggaa agacag                                 36

<210> 63
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<400> 63
Asn Asp Glu Asp Glu Asp Val Arg Arg Glu Arg Gln
 1               5                   10
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<211> 12
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<400> 64
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Asn Asp Glu Asp Glu Asp Val Arg Arg Glu Arg Gln
1   5   10
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<400> 65
Asn Asp Glu Asp Val Arg Arg Glu Arg Gln
1   5   10
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<212> PRT
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<400> 66
Asp Glu Arg Asp Val Glu Asp Ser Asp Val Ile Ala Glu Lys Ser
1   5   10   15
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<400> 67
aatgatgaag atgtgaggcg ggaaagacag   30

<210> 68
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<400> 68
agttgtacga atag   14

<210> 69
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gacagacttg gcatgaagca   20

<210> 73
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gcacttggca gtcacttctg   20

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<400> 75
acttcaagga cccagcttcc   20

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<400> 76
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<210> 80
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caagtgagtg cttgggattg   20

<210> 85
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gccaggggac actgtattct                                                      20


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aggtcctctg ccttcactca                                                      20


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acctggaaca ggtgtggtgt   20

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gtttgttgca gatggggaag   20

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gcctgtcaca gagaaatgct t   21

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ccgttcctta tatcctcagg tg                                             22

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ccttgtacac actcgcactg a                                              21

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tgttgtccac aggttccaga                                                20

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tgaggtttat gggcatggtt                                                20

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atctgccctt tcttgtctga                                                20
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agggagctgc acagtggata   20

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tcactcccat atttcagaac ttga   24

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tgtttattgg aagatcggtg aa   22

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cgttagagac tgaatctttg tcctg   25

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agtcctgcct tccacagttg   20

<210> 112
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ggtagttacg tgttaggggc a   21

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caggaacatt aggccagatt g   21

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catgtatgtg taggacagca tga                                              23

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ctgtttcaaa gatgcttctg c                                                21

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gggttcccag ggttcagtat                                                  20

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cttgacctaa tttcaacatc tgg                                              23

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aagtccaatt tagcccacgt t                                                21

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ttccttaaca aaaatagtat c                                              21

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